

**MULTIPLE CHANNEL SYSTEM FOR A TWISTED PAIR TELEPHONE  
WIRE LOCAL LOOP SYSTEM**

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**Abstract of the Disclosure**

The system (50) has a subscriber digital filter system  
10 (54) connected to the twisted pair telephone wire (56). A subscriber controller (52) sends control signals to the subscriber digital filter system (54). An office digital filter system (58) is connected to the twisted pair telephone wire (56). An office controller (60) sends control signals to the office digital filter system (58).

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